

AMENDMENT TO THE SPECIFICATION

Please replace the paragraph starting at page ^B3, line 9 with the following:

Boolean SUCCESS; //variable definition

Horizontal scan to get P1, P2

Vertical seam scan to get Q1, Q2

Calculate the circle parameters, x_0 , y_0 , γ_1 and γ_2

If ($\gamma_1 \neq \gamma_2$) Then

Do{

Choose three points of P1, P2, Q1, and Q2

To calculate the circle parameter

Calculate the fourth edge point

If(the calculated edge point is a real edge point of circle) Then

SUCCESS=TRUE;

Exit

}While(SUCCESS=FALSE)Or(not all points are checked)
